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Claims

1. The use of polymers of

1 to 98.9% by weight of vinylcaprolactam (monomer A)
1 to 98.9% by weight of vinylpyrrolidone (monomer B)
0.1 to 5% by weight of vinylimidazole (monomer C)
0 to 10% by weight of monomer D
0 to 10% by weight (based on the total amount of monomer)
of polymer E,

where the weight ratio of monomer C to monomer B is less than
1:12,

in cosmetic preparations.

2. The use according to claim 1, where the polymer consists of

30 to 59% by weight Monomer A
40 to 69% by weight of monomer B
1 to 4.9% by weight of monomer C
0 to 10% by weight of monomer D
0 to 10% by weight (based on the total amount of monomer)
of polymer E

3. The use according to claim 1 to 2 in hair cosmetic preparations, in particular in hair-setting compositions and hair shampoo.

4. The use according to claim 1 to 2 in skin cosmetic preparations.

5. A hair-setting preparation, in particular in the form of a foam, mousse, spray or gel, where the active constituent used is a polymer according to claim 1 to 2.

Use of polymers based on N-vinylcaprolactam

Abstract

The present invention relates to cosmetic preparations, in particular for hair cosmetic applications, which comprise copolymers based on N-vinyllactams and N-vinyl heterocyclic compounds.